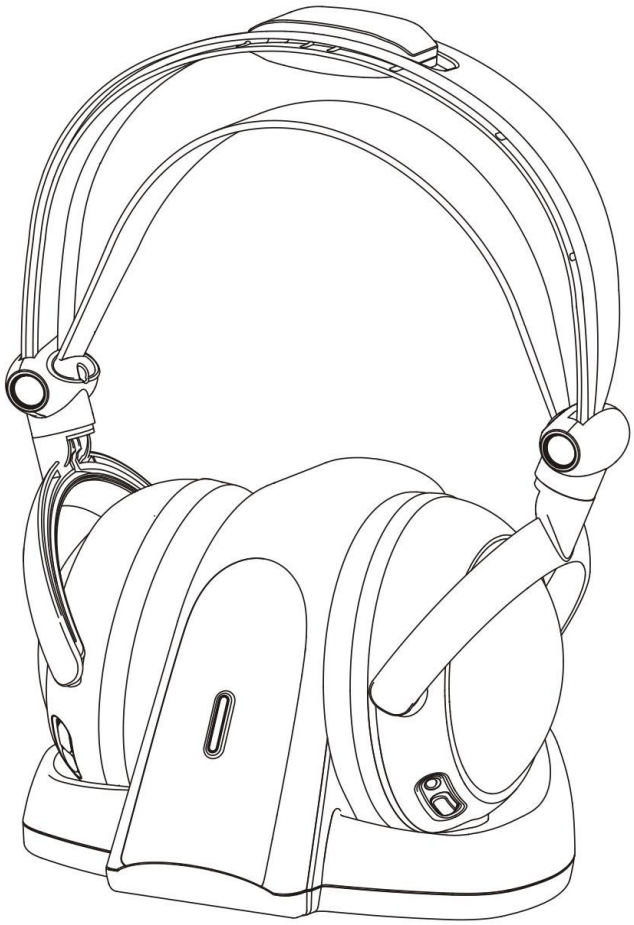
PROMOWIDE **DH100**

2.4GHz Digital Wireless Headphone



User's Manual

Please read before using the equipment.
Please visit www.promowide.com for details.

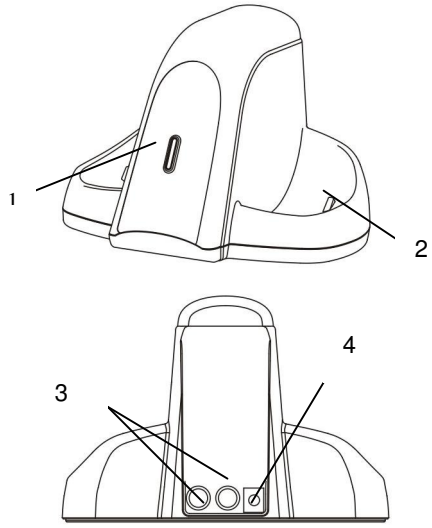
INTRODUCTION

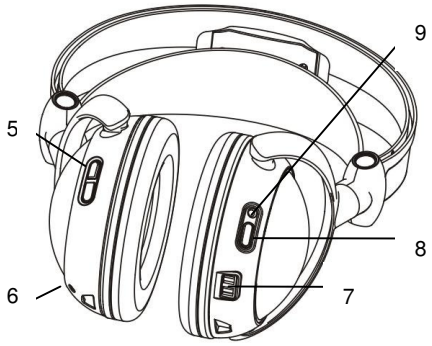
This 2.4GHz Digital Wireless Headphone uses latest digital wireless technology that enables you to enjoy music and TV sound anywhere inside your home. Simply connect the transmitter to a desired audio source: DVD player, CD player, TV set, VCR or Hi-Fi system. Without complicated wiring and installation with your Audio/Video equipments and rear channel amplifier, the system enables you to enjoy thrilling, lifelike sound in minutes.

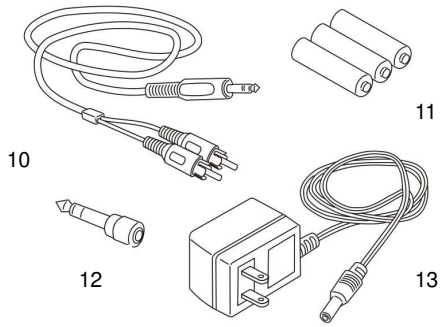
FEATURES

1. 2.4GHz Digital UHF Technology.
2. 38-Channel Auto Frequency Searching System.
3. Smart Volume Memory Built-in.
4. Electronic Volume Control.
5. Low Power Indicator Alert.
6. High Power 3 x NiMh Batteries
7. Auto Pin Charging Mechanism.
8. Auto On/Off.
9. Auto Shut Off.
10. Muting.
11. Speed charging mechanism.

COMPONENT PART LIST

A) TRANSMITTER	
	1. Power & Charging indicator. 2. Charging pins. 3. Audio IN socket. 4. DC IN socket.

B) HEADPHONE RECEIVER	
	5. Volume Up & Down Control. 6. Charging LED indicator. 7. Charging contacts. 8. ON/OFF Control. 9. Power LED indicator.

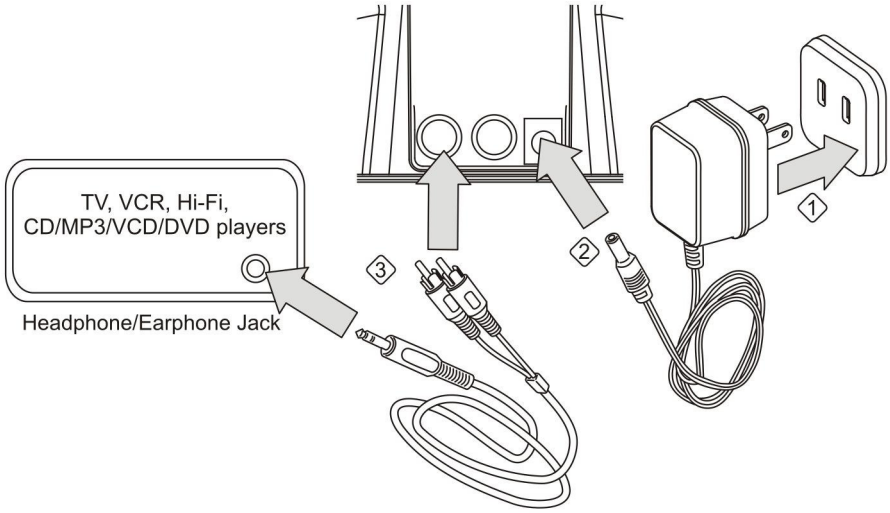
C) ACCESSORIES	
	10. RCA cable. 11. NiMh batteries for Headphone (3 pieces). 12. 3.5mm to 6.3mm adaptor plug. 13. AC/DC adaptor (1x 9V 400mA for transmitter).

INSTALLATION

TRANSMITTER

1. Connect the supplied AC/DC power adaptor to an electrical wall outlet.
2. Plug the AC/DC power adaptor in the DC jack located on the rear of the transmitter.
3. The rear of the transmitter has one audio cord that can be connected to audio output jack of TV, VCR, Hi-Fi, CD/MP3/VCD/DVD players or to headphone/earphone jack with the connector provided.

Plug the adaptor in the AC source and connect the audio plug to the audio source. The transmitter will automatically switch on and the red LED will light up when it receives an audio signal.



HEADPHONE RECEIVER

1. To install or replace the rechargeable batteries, carefully remove the leather padding around the left and right earphone plates out from the cabinets.

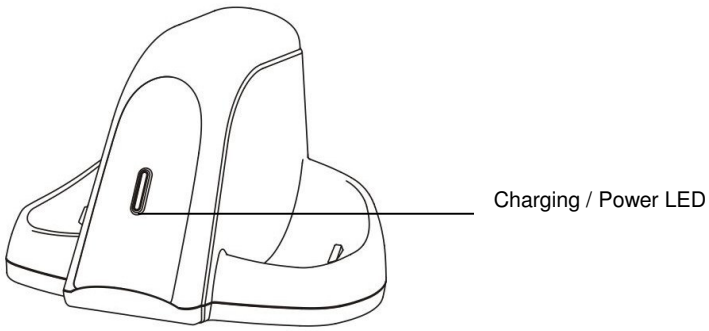
2. Insert 2pcs of AAA size rechargeable batteries (supplied in the package) into the right earphone's battery compartment and 1pc of AAA size rechargeable battery (supplied in the package) into the left earphone's battery compartment. Make sure the batteries are placed at the right polarity.

3. Cover the leather padding back after inserted the batteries.

OPERATION

Transmitter

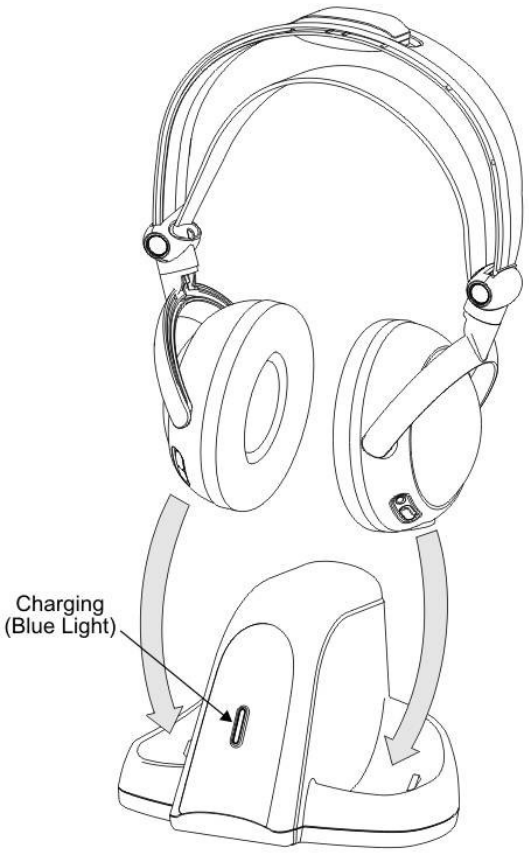
1. Turn on the audio source (TV or audio component) to which the transmitter is connected with. The Charging / Power LED on the transmitter will light up in red when it receives the audio signal.



Headphone

1. Turn on the headphone by pressing the Power button. The POWER LED (Red) will light up, the green LED will be flashing until signal link between transmitter and receiver is established.

2. Gently place the headphone on your head and adjust for comfort. To obtain the desired sound level, you can adjust the volume control on the headphone. After you have adjusted the volume in the first time, the smart built-in volume memory will memorize your latest volume level automatically.
3. If interference or poor signal reception occurs, the headphone will perform the muting function automatically, and it will search the best channel out of the 38 channels available. The green LED will be flashing when it is searching for the best channel.
4. Charging the batteries
    a) Turn OFF the headphone first.
    b) Place the headphone on the transmitter's charging cradle. The charging process begins automatically, and the charging LED will light up in blue when the charging contacts of transmitter and headphone are made successfully. When the charging process is completed, the blue LED will turn off.



c) With the smart speedy charging function, the headphone could be fully charged within 5 hours. If the headphone is not in use, please place it back to the transmitter's charging cradle.

Important:

1. Switching Off
   a) For protection of the transmitter and power saving, the transmitter will switches off automatically if there is no audio source signal for 3 minutes. If the audio source signal returns, the transmitter will automatically switches back on. Then, power on the headphone again.
   b) The headphone will switch off automatically if there is no signal from the transmitter for 2 minutes.
2. Make sure the headphone is turned off when charging is in process.
3. Only use the included rechargeable AAA batteries. When the headphone is not in use, turn the headphone OFF.
4. To ensure a long service life, fully charge the batteries before using the headphone for the first time. The initial charge takes 5 hours to complete. Ensure the charging socket located on the right earphone connects securely with the charge prongs on the transmitter cradle.

This device must be used with the AC/DC adaptor supplied in the package.

TROUBLE SHOOTING

NO SOUND

- Ensure the AC/DC adaptor is fully inserted into the AC outlet and the power connection input on the transmitter.
- Ensure the headphone is switch ON.
- Headphone battery charge level may be too low, recharge the batteries fully.
- Ensure the TV or the connected audio device is switched ON.
- The volume of headphone may be too low, adjust the volume to a moderate level.

DISTORTION

- Ensure the volume level of headphone is set to an approximate level.
- The headphone is too far from the transmitter, move it closer.
- The audio signal input level is too low. Increase the volume of the audio source.

TECHNICAL SPECIFICATIONS

Transmission Mode	:	UHF stereo
Carrier Frequency	:	2.4GHz Digital
Operation Voltage	:	Transmitter, DC 9V 400mA Headphone, 3 x AAA size Rechargeable NiMh batteries (included)
Frequency Response	:	30Hz – 22KHz
Distortion	:	0.4%
S/N Ratio	:	80dB
Operation Distance	:	Up to 200 feet

NOTE:

1. Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not Installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

1.1 FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

LIMITED WARRANTY

PARAGON PRODUCTS INTERNATIONAL INC. (The Company) warrants to the original retail purchaser of this product that should this product proven to have defects in materials or workmanship for a period of one year from the date of purchase, Paragon will repair such defects or replaced this product with one of similar features and price, without charge for parts and repair labor. Any product which has been subject to misuse, improper installation, accidental damage or removable parts are excluded from this warranty.

How to Obtain Service

Should this product require service, please return the product with proof of warranty coverage (e.g. dated bill of sale), copy of warranty card, the return sheet with a brief explanation of the problem, to the company at the address shown below at transportation prepared by the retail purchaser:

Paragon Products International Inc.
2168 S. Atlantic Blvd., #312
Monterey Park, CA 91754
U.S.A.
Call at: 1-888-980-7788 or email at: info@paragon-us.com
http://www.promowide.com

This warranty gives you specific legal rights and you may have other legal rights that vary from state to state.